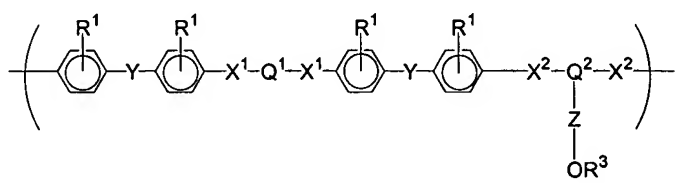


**WHAT IS CLAIMED IS:**

1. A process comprising: providing a polymer blend including a luminescent polymer and a second polymer, wherein at least one of the polymers is crosslinkable and b) crosslinking the crosslinkable polymer.
2. The process of Claim 1, wherein the second polymer is crosslinkable.
3. The process of Claim 1, wherein the luminescent polymer is crosslinkable.
4. The process of Claim 1, wherein both the luminescent polymer and the second polymer are crosslinkable.
5. The process of Claim 1, wherein the polymer that is luminescent comprises a polyfluorene, a polyphenylenevinylene, or a polybiphenyl.
6. The process of Claim 5, wherein the polymer that is luminescent further comprises a charge transporter.
7. The process of Claim 6, wherein the charge transporter comprises a triarylamine, a carbazole, a 2,3-diphenylquinoxaline, or a 1,3,4-oxadiazole.
8. The process of Claim 1, wherein the crosslinkable polymer comprises units having the formula



wherein:

$\text{Q}^1$  comprises at least one aryl or heteroaryl group;

$\text{Q}^2$  comprises at least one aryl or heteroaryl group;

$\text{X}^1$  is O bonded directly to an aryl carbon of  $\text{Q}^1$ ;

$\text{X}^2$  is O bonded directly to an aryl carbon of  $\text{Q}^2$ ;

Z is a linker comprising at least one  $-(\text{C}(\text{R}^2)_2)-$  group;

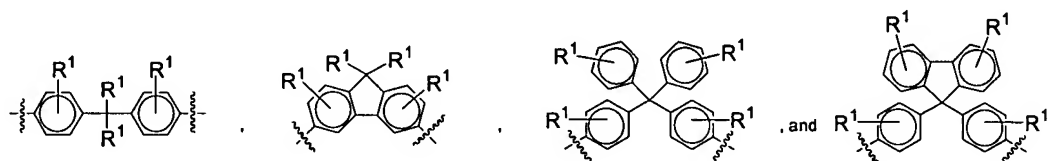
Y is a single bond or a linker group;

$R^1$  is independently at each occurrence H, a halogen, an alkyl group, a heteroalkyl group, an aryl group, or a heteroaryl group;  
 $R^2$  is independently at each occurrence H, an alkyl group, or a heteroalkyl group;  
 and  
 $R^3$  is H or a crosslinkable group.

9. The process of Claim 8, wherein  $Q^1$  comprises at least two aryl or heteroaryl groups.

10. The process of Claim 9, wherein  $Q^1$  comprises a methylenediphenyl group in which the methylene carbon is bonded to at least 2 phenyl groups.

11. The process of Claim 10, wherein  $Q^1$  is selected from the group consisting of

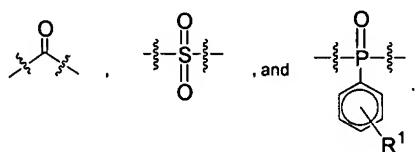


12. The process of Claim 8, wherein  $Q^1$  comprises a polycyclic aromatic ring system or a polycyclic heteroaromatic ring system.

13. The process of Claim 8, wherein Y is a single bond, an alkene or an alkyne group.

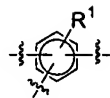
14. The process of Claim 8, wherein Y is a ketone, a sulfone, or a phosphine oxide group.

15. The process of Claim 14, wherein Y is selected from the group consisting of



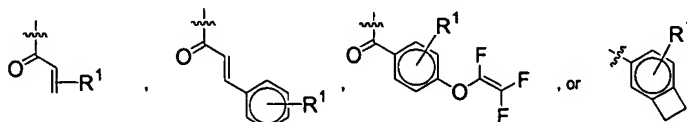
16. The process of Claim 8, wherein  $Q^2$  comprises a 6-membered aromatic or heteroaromatic ring, a polycyclic aromatic ring system, or a polycyclic heteroaromatic ring system.

17. The process of Claim 16, wherein Q<sup>2</sup> comprises



18. The process of Claim 8, wherein Z is  $-(CH_2)_n-$  or  $-(CH_2CH_2O)_n-$ , wherein n = 1 to 10.

19. The process of Claim 8, wherein R<sup>3</sup> is selected from the group consisting of



20. The process of Claim 8, wherein:

Q<sup>1</sup> comprises a methylenediphenyl group in which the methylene carbon is bonded to at least two phenyl groups;

Q<sup>2</sup> comprises a phenyl ring;

Y is a single bond;

and

Z is  $-CH_2-$

21. The process of Claim 20, wherein R<sup>1</sup> is fluorine.

22. The process of Claim 20, wherein R<sup>3</sup> comprises an aryl trifluorovinyl ether.

23. The process of Claim 1, wherein crosslinking is effected thermally, chemically, or photochemically.

24. The process of Claim 23, wherein the crosslinking is effected photochemically.